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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

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| | (PCT Article 36 and R | ule Pac'd PCT/PTO 19 APR 2 |
| Applicant's or agent's file reference PCTF173 | FOR FURTHER ACTION | See Form PCT/IPEA/416 |
| International application No. PCT/JP2003/013475 | International filing date (day/more 22 October 2003 (22.10) | |
| International Patent Classification (IPC) or n C08L 67/04, C08K 5/10, 5/29 | ational classification and IPC | |
| Applicant | MITSUBISHI PLASTICS | S, INC. |
| This report is the international prelin Authority under Article 35 and trans | ninary examination report, establis | thed by this International Preliminary Examining o Article 36. |
| Administrative Instruction Administrative Instruction Administrative Instruction Administrative Instruction | structions). ersede earlier sheets, but which this sure in the international applications. ersel Bureau only) a total of (ii, containing a sequence dicated in the Supplemental Box is). | ich have been amended and are the basis of this report this Authority (see Rule 70.16 and Section 607 of the s Authority considers contain an amendment that goes in as filed, as indicated in item 4 of Box No. I and the indicate type and number of electronic carrier(s) tence listing and/or tables related thereto, in computer Relating to Sequence Listing (see Section 802 of the |
| Box No. IV Lack of unity of Reasoned state citations and ex Box No. VI Certain defects | nent of opinion with regard to nove of invention ment under Article 35(2) with regard planations supporting such statem | |
| | Date of co. | mpletion of this report |
| Date of submission of the demand | Date of col | French of min tobott |
| Date of submission of the demand 15 April 2004 (15.04.20 | 1 | 30 July 2004 (30.07.2004) |

Telephone No.

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2003/013475

| Box No | . I | Basis of the report | | |
|---------------|--------------------|---|---|--|
| 1. With other | regard | d to the language, this report is based ndicated under this item. | d on the international application in the langu | uage in which it was filed, unless |
| | This whice | s report is based on translations fron ch is language of a translation furnish | n the original language into the following land for the purpose of: | language, |
| | | international search (under Rules 12 | 2.3 and 23.1(b)) | |
| | | publication of the international appl | ication (under Rule 12.4) | |
| | | international preliminary examination | on (under Rules 55.2 and/or 55.3) | |
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| jurni. | snea to are not | o the receiving Office in response to tannexed to this report): | onal application, this report is based on (r. an invitation under Article 14 are referred | eplacement sheets which have been to in this report as "originally filed" |
| | The in | international application as originally | filed/furnished | |
| \bowtie | the de | escription: | | |
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| 4. | made, | report has been established as if (sor , since they have been considered to 70.2(c)). | me of) the amendments annexed to this rep to go beyond the disclosure as filed, as in | ort and listed below had not been idicated in the Supplemental Box |
| | | the description, pages | | į |
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

onal application No. PCT/JP 03/13475

| V . | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industria citations and explanations supporting such statement | l applicability; |
|------------|---|------------------|
| 1 | Statement | |

| | rung such statement | | _ |
|-------------------------------|---------------------|------|-----|
| 1. Statement | | | |
| Novelty (N) | Claims | 1-14 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1-14 | YES |
| | Claims | | NO |
| Industrial applicability (IA) | Claims | 1-14 | YES |
| | Claims | | NO |

2. Citations and explanations

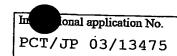
> Document 1: JP 2002-128918 A (Mitsubishi Plastics, Inc.), 9 May 2002

Claims 1-8

The inventions set forth in claims 1-8 involve an inventive step relative to document 1, cited in the international search report.

Document 1 does not disclose a resin composition containing (1) (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (ΔHm) of 5-30 J/g, and an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (Δ Hm) of 5-30 J/g, or (2) containing (C) an aliphatic polyester other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (ΔHm) of 50-70 J/g in addition to (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (ΔHm) of 5-30 J/g) and/or an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (ΔHm) of 5-30 J/g; and these inventions

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are not obvious to a person skilled in the art.

Claims 9-14

The inventions set forth in claims 1-14 involve an inventive step relative to document 1, cited in the international search report.

Document 1 does not disclose a resin composition which contains an inorganic filler with an average particle size of 1-5 μ m, a carbodiimide compound, an ester compounds having a molecular weight in the range 200-2000 or a concealment improver having a refractive index of 2.0 or more, in addition to (A) a lactic acid resin and (B) an aromatic-aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal fusion (Δ Hm) of 5-30 J/g, or an aliphatic polyester, other than a lactic acid resin, which has a glass transition temperature (Tg) of 0°C and a heat of crystal fusion (Δ Hm) of 5-30 J/g.



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/013475

| | Application No. Patent No. | Publi (day/n | cation date nonth/year) | Filing date (day/month/ye | e ear) | Priority date (valid cla (day/month/year) | im) |
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| | JP 2003-261756 A [EA] | 19 Septembe | er 2003 (19.09.2003) | 07 March 2002 (| 07.03.2002) | | |
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